

GenCore version 5.1.4 p5 4578
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OM nucleic - nucleic search, using sw model

Run on: March 26, 2003, 11:15:34 ; Search time 60.6136 Seconds
(without alignments)
106.250 Million cell updates/sec

Title: US-10-086-184-2

Perfect score: 21

Sequence: 1 gtcctactgtagagtgctacc 21

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 443362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 558892

Minimum DB seq length: 0
Maximum DB seq length: 40

Post-processing: Minimum Match 0%

Maximum Match 100%

Database :

- Issued_Patents_NA:*
- 1: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
 - 2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
 - 3: /cgn2_6/prodata/2/ina/6A_COMB.seq:*
 - 4: /cgn2_6/prodata/2/ina/6B_COMB.seq:*
 - 5: /cgn2_6/prodata/2/ina/CTUS_COMB.seq:*
 - 6: /cgn2_6/prodata/2/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	14.6	69.5	30	US-09-894-698-15	Sequence 15, Appl
2	13.6	64.8	22	US-08-343-998-17	Sequence 17, Appl
3	12.4	60.0	27	US-09-060-828A-16	Sequence 16, Appl
4	12.4	59.0	17	US-07-854-596B-23	Sequence 23, Appl
5	12.4	59.0	17	US-07-854-596B-45	Sequence 45, Appl
6	12.4	59.0	32	US-09-205-114-2	Sequence 2, Appl
7	12.2	58.1	27	US-08-021-623C-7	Sequence 7, Appl
8	12.2	58.1	32	US-08-090-523-18	Sequence 18, Appl
9	12.2	58.1	32	US-08-398-627-18	Sequence 18, Appl
10	12.2	58.1	32	US-08-406-858-18	Sequence 18, Appl
11	12.2	58.1	32	PCT-US91-04036-18	Sequence 18, Appl
12	12.2	58.1	32	PCT-US94-05275-18	Sequence 18, Appl
13	12.2	57.1	22	US-08-343-998-1	Sequence 1, Appl
14	12.2	57.1	24	US-09-102-830B-14	Sequence 14, Appl
15	12.2	57.1	24	US-09-493-351B-11	Sequence 11, Appl
16	12.2	57.1	34	US-09-494-102A-9	Sequence 9, Appl
17	12.2	57.1	33	US-08-417-476-29	Sequence 29, Appl
18	12.2	57.1	37	US-09-210-748A-14	Sequence 14, Appl
19	11.8	56.2	20	US-08-531-556-7	Sequence 7, Appl
20	11.8	56.2	20	US-08-472-416-7	Sequence 7, Appl
21	11.8	56.2	22	US-09-113-309-14	Sequence 14, Appl
22	11.8	56.2	22	US-09-521-109-14	Sequence 14, Appl
23	11.8	56.2	22	US-09-562-332-14	Sequence 14, Appl
24	11.8	56.2	28	US-08-671-947-33	Sequence 33, Appl
25	11.8	56.2	33	US-08-117-083-42	Sequence 42, Appl
26	11.8	56.2	34	US-07-803-633A-16	Sequence 16, Appl
27	11.8	56.2	36	US-08-413-813-40	Sequence 40, Appl

28	11.8	56.2	36	US-08-467-346-40	Sequence 40, Appl
29	11.8	56.2	37	US-09-486-356-17	Sequence 17, Appl
30	11.6	55.2	18	US-08-867-381A-21	Sequence 21, Appl
31	11.6	55.2	18	US-09-521-144-21	Sequence 21, Appl
32	11.6	55.2	21	US-07-960-982-12	Sequence 12, Appl
33	11.6	55.2	22	US-08-197-791-41	Sequence 41, Appl
34	11.6	55.2	22	US-08-133-011-86	Sequence 86, Appl
35	11.6	55.2	22	US-08-322-730A-86	Sequence 86, Appl
36	11.6	55.2	22	US-08-713-939A-20	Sequence 20, Appl
37	11.6	55.2	22	US-08-383-619-86	Sequence 86, Appl
38	11.6	55.2	22	US-08-907-728-86	Sequence 86, Appl
39	11.6	55.2	22	US-09-036-579-20	Sequence 20, Appl
40	11.6	55.2	22	US-09-550-374-20	Sequence 20, Appl
41	11.6	55.2	22	US-09-729-597-86	Sequence 86, Appl
42	11.6	55.2	22	PCT-US93-02957-6	Sequence 6, Appl
43	11.6	55.2	22	PCT-US93-02957-8	Sequence 8, Appl
44	11.6	55.2	37	US-08-697-324-13	Sequence 13, Appl
45	11.4	54.3	17	US-08-281-940-8	Sequence 8, Appl

ALIGNMENTS

RESULT 1
US-09-894-698-15/c
Sequence 15, Application US/09894698
Patent No. 6469152

GENERAL INFORMATION:
APPLICANT: Gaines, Patrick J.
APPLICANT: Wisniewski, Nancy
TITLE OF INVENTION: FLEA ALLANTOINASE NUCLEIC ACID MOLECULES, PROTEINS AND
FILE REFERENCE: FC-6-CI-CI
CURRENT APPLICATION NUMBER: US/09/894,698
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 09/543,668
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/128,704
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Blastn Ver. 2.1
SEQ ID NO 15
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-894-698-15

Query Match
Best Local Similarity 69.5%; Score 14.6; DB 4; Length 30;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GTCCTACTGATAGAGTGCTACC 21
Db 23 GTCCTCTTAAGAGGCTACC 3

RESULT 2
US-08-343-998-17/c
Sequence 17, Application US/08343998A
Patent No. 6020123

GENERAL INFORMATION:
APPLICANT: Sonigo, Pierre
APPLICANT: Brechet, Christian
APPLICANT: Cournaud, Valerie
TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE
TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND STV TYPE
TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS
FILE REFERENCE: 2356.0065-01
CURRENT APPLICATION NUMBER: US/08/343,998A

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; CURRENT FILING DATE: 1994-11-18
; EARLIER APPLICATION NUMBER: 07/820,600
; EARLIER FILING DATE: 1992-01-22
; EARLIER APPLICATION NUMBER: PCT/FR90/00394
; EARLIER FILING DATE: 1990-06-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus type 2
; FEATURE:
US-08-343-998-17

Query Match          64.8%; Score 13.6; DB 3; Length 22;
Best Local Similarity 80.0%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TGCTACTGATGAGCTGACC 21
DB 20 TGCTACTGCTGAGAGAAC 1

RESULT 3
US-09-060-828A-16/C
; Sequence 16, Application US/09060828A
; Patent No. 5981225
; GENERAL INFORMATION:
; APPLICANT: KOCHANEK, Stefan
; ATTORNEY/AGENT INFORMATION:
; TITLE OF INVENTION: GENE TRANSFER VECTOR, RECOMBINANT ADENOVIRUS
; TITLE OF INVENTION: PARTICLES CONTAINING THE SAME, METHOD FOR
; TITLE OF INVENTION: PRODUCING THE SAME AND METHOD OF USE OF
; TITLE OF INVENTION: THE SAME
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
; CITY: Washington, D.C.
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,828A
; FILING DATE: 16-APRIL-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KIT, Gordon
; REGISTRATION NUMBER: 30,764
; REFERENCE/DOCKET NUMBER: A-6929
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-060-828A-16

Query Match          60.0%; Score 12.6; DB 2; Length 27;
Best Local Similarity 78.9%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 1 GTGCTACTGATGAGGTGA 19
DB 24 GTTACTCATACGCTCTA 6

RESULT 4
US-07-854-596B-23/C
; Sequence 23, Application US/07854596B
; Patent No. 5434073
; GENERAL INFORMATION:
; APPLICANT: Dawson, Keith M
; APPLICANT: Hunter, Michael G
; APPLICANT: Czaplowski, Lloyd G
; TITLE OF INVENTION: Proteins and nucleic acids
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. John J. McDonnell
; STREET: Ten South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/854,596B
; FILING DATE: 03-JUN-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 92,337
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; TELEX: 910-221-5317
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..17
; OTHER INFORMATION: /note="oligonucleotide BB3510"
US-07-854-596B-23

Query Match          59.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TGCTACTGATGAG 15
DB 14 TGCTACTGATGATG 1

RESULT 5
US-07-854-596B-45/C
; Sequence 45, Application US/07854596B
; Patent No. 5434073
; GENERAL INFORMATION:
; APPLICANT: Dawson, Keith M
; APPLICANT: Hunter, Michael G
; APPLICANT: Czaplowski, Lloyd G
; TITLE OF INVENTION: Proteins and nucleic acids
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. John J. McDonnell
```

```
STREET: Ten South Wacker Drive, Suite 3000
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/854,596B
FILING DATE: 03-JUN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 92,337
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..17
OTHER INFORMATION: /note="oligonucleotide BB3510"
US-07-854-596B-45

Query Match          59.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TGTCTCTGATAG 15
DB 14 TGTCTCTGATAGTG 1

RESULT 6
US-09-205-114-2
Sequence 2, Application US/09205114
Patent No. 6309829
GENERAL INFORMATION:
APPLICANT: Kenneth J. Livak
APPLICANT: Andrew J. Blasband
TITLE OF INVENTION: Length Determination of Nucleic Acid
TITLE OF INVENTION: Repeat Sequences By Discontinuous Primer Extension
FILE REFERENCE: 0550-0079.30
CURRENT APPLICATION NUMBER: US/09/205,114
EARLIER APPLICATION NUMBER: 08/863,437
EARLIER FILING DATE: 1997-05-27
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PaetSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 32
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligo 1411-16
US-09-205-114-2

Query Match          59.0%; Score 12.4; DB 4; Length 32;
Best Local Similarity 92.9%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 6 ACTGATAGAGTGT 19
DB 7 ACTGATAGAGTGT 20

RESULT 7
US-08-021-623C-7
Sequence 7, Application US/08021623C
Patent No. 5436149
GENERAL INFORMATION:
APPLICANT: Barnes Ph.D., Wayne M.
TITLE OF INVENTION: Thermostable DNA polymerase with
enhanced thermostability and enhanced length and
efficiency of primer extension
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seminger, Powers, Leavitt and Reedel
STREET: One Metropolitan Square, 16th Floor
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk, 5.25", 360 kb.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin 1.0, v1.25; EDIX; Wordperfect.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/021,623C
FILING DATE: 19-FEB-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Blosser, G. Harley
REGISTRATION NUMBER: 33,650
REFERENCE/DOCKET NUMBER: WNB4900
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314/231-4340
TELEFAX: 6502697583 MCI
TELEX: 6502697583 MCI
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Lambda
STRAIN: Papa
INDIVIDUAL ISOLATE: Synthetic 8757
IMMEDIATE SOURCE:
LIBRARY: Primer
CLONE: MBL
POSITION IN GENOME:
MAP POSITION: 27914
US-08-021-623C-7

Query Match          58.1%; Score 12.2; DB 1; Length 27;
Best Local Similarity 82.4%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2 TGTCTCTGATAGTGT 18
DB 8 TGTCTCTGATAGTGT 24

RESULT 8
US-08-090-523-18/C
Sequence 18, Application US/08090523
Patent No. 5498830
GENERAL INFORMATION:
```

APPLICANT: Barry, Gerard F.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Stark, David M.
TITLE OF INVENTION: Enhanced Starch Biosynthesis
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Grace L. Bonner, Monsanto Co. BBAF
STREET: 700 Chesterfield Parkway No. 549830Ch
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,523
FILING DATE: 19930712
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/709663
FILING DATE: 07-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/539763
FILING DATE: 18-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Bonner, Grace L.
REGISTRATION NUMBER: 32,963
REFERENCE/DOCKET NUMBER: 38-21(10559)A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 537-7286
TELEFAX: (314) 537-6047
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-090-523-18

Query Match 58.1%; Score 12.2; DB 1; Length 32;
Best local Similarity 82.4%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 TGCTACTGATGAGTGT 18
|||||
DB 24 TGCTCTGATCGACTGT 8

RESULT 9
US-08-398-627-18/c
Sequence 18, Application US/08398627
Patent No. 5608149
GENERAL INFORMATION:
APPLICANT: Barry, Gerard F.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Stark, David M.
TITLE OF INVENTION: Enhanced Starch Biosynthesis
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Grace L. Bonner, Monsanto Co. BBAF
STREET: 700 Chesterfield Parkway No. 5608149th
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/398,627
FILING DATE: 03-MAR-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/090,523
FILING DATE: 12-JUL-1993
APPLICATION NUMBER: US 07/709663
FILING DATE: 07-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/539763
FILING DATE: 18-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Bonner, Grace L.
REGISTRATION NUMBER: 32,963
REFERENCE/DOCKET NUMBER: 38-21(10559)A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 537-7286
TELEFAX: (314) 537-6047
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-398-627-18

Query Match 58.1%; Score 12.2; DB 1; Length 32;
Best local Similarity 82.4%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 TGCTACTGATGAGTGT 18
|||||
DB 24 TGCTCTGATCGACTGT 8

RESULT 10
US-08-406-858-18/c
Sequence 18, Application US/08406858
Patent No. 5648249
GENERAL INFORMATION:
APPLICANT: Barry, Gerard F.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Stark, David M.
APPLICANT: Zalewski, James C.
TITLE OF INVENTION: Method of Improving the Quality of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Grace L. Bonner, Monsanto Company, BBAF
STREET: 700 Chesterfield Parkway No. 5648249th
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/406,858
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05275
FILING DATE: 18-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/070,155
FILING DATE: 28-MAY-1993
ATTORNEY/AGENT INFORMATION:

NAME: Bonner, Grace L.
 REGISTRATION NUMBER: 32,963
 REFERENCE/DOCKET NUMBER: 38-21(10654)A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (314)537-7286
 TELEFAX: (314)537-6047
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 32 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-406-858-18

Query Match 58.1%; Score 12.2; DB 1; Length 32;
 Best Local Similarity 82.4%; Pred. No. 1.1e+03;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TGCTACTGATGAGTGT 18
 Db 24 TGCTCTGATGACTGT 8

RESULT 11
 PCT-US91-04036-18/c
 Sequence 18, Application PC/TUS9104036
 GENERAL INFORMATION:
 APPLICANT: Kishore, Ganesh M.
 TITLE OF INVENTION: Increased Starch Content In Plants
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Monsanto Co.
 STREET: 700 Chesterfield Village Parkway
 CITY: St. Louis
 STATE: Missouri
 COUNTRY: USA
 ZIP: 63198
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US91/04036
 FILING DATE: 19910607
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: McBride, Thomas P.
 REGISTRATION NUMBER: 32706
 REFERENCE/DOCKET NUMBER: 38-21(10530)A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (314) 537-7357
 TELEFAX: (314) 537-6047
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 32 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (synthetic)
 PCT-US91-04036-18

Query Match 58.1%; Score 12.2; DB 5; Length 32;
 Best Local Similarity 82.4%; Pred. No. 1.1e+03;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TGCTACTGATGAGTGT 18
 Db 24 TGCTCTGATGACTGT 8

RESULT 12

PCT-US94-05275-18/c
 Sequence 18, Application PC/TUS9405275
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: Method of Improving the Quality of Stored
 NUMBER OF SEQUENCES: 26
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/05275
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/070155
 FILING DATE: 28-MAY-1993
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 32 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 PCT-US94-05275-18

Query Match 58.1%; Score 12.2; DB 5; Length 32;
 Best Local Similarity 82.4%; Pred. No. 1.1e+03;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TGCTACTGATGAGTGT 18
 Db 24 TGCTCTGATGACTGT 8

RESULT 13
 US-08-343-998-1/c
 Sequence 1, Application US/08343998A
 Patent No. 6020123
 GENERAL INFORMATION:
 APPLICANT: Sonigo, Pierre
 APPLICANT: Brechot, Christian
 APPLICANT: Cournaud, Valerie
 TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE
 TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND SIV TYPE,
 TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS
 FILE REFERENCE: 2356.0065-01
 CURRENT APPLICATION NUMBER: US/08/343,998A
 CURRENT FILING DATE: 1994-11-18
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 LENGTH: 22
 TYPE: DNA
 ORGANISM: Human immunodeficiency virus type 2
 FEATURE:
 US-08-343-998-1

Query Match 57.1%; Score 12; DB 3; Length 22;
 Best Local Similarity 75.0%; Pred. No. 1.3e+03;
 Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2 TGCTACTGATGAGTGTACC 21
 Db 20 TGCTAGTCTGAGAGAACCC 1

